

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 March 2005 (24.03.2005)

PCT

(10) International Publication Number  
WO 2005/025713 A2

(51) International Patent Classification<sup>7</sup>:

B01D

(74) Agents: GOLDSTEIN, Avery, N. et al.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Avenue, Ste. 400, Birmingham, MI 48009 (US).

(21) International Application Number:

PCT/US2004/026305

(22) International Filing Date: 13 August 2004 (13.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/481,223 13 August 2003 (13.08.2003) US

(71) Applicant (for all designated States except US):  
PERKINELMER LAS, INC. [US/US]; 549 Albany Street, Boston, MA 02118 (US).

(72) Inventor; and

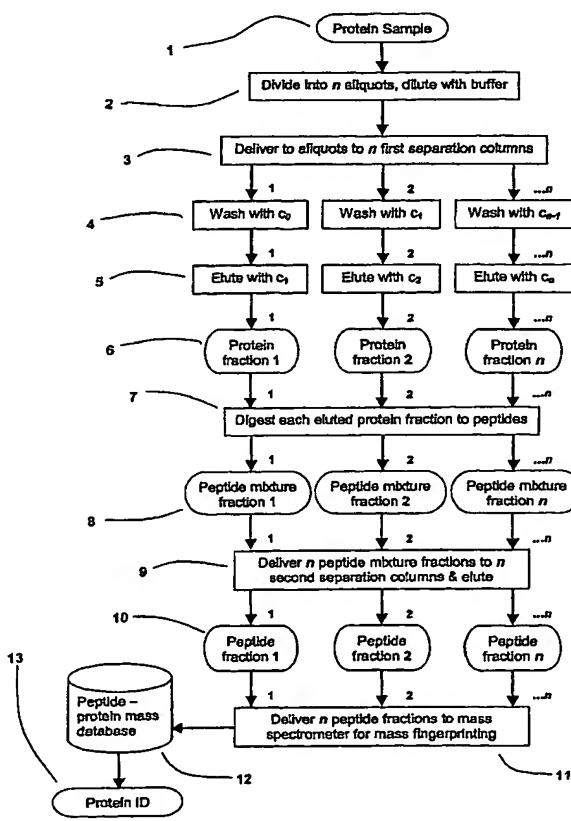
(75) Inventor/Applicant (for US only): LOPEZ, Mary [US/US].

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: PARALLEL PROCESS FOR PROTEIN OR VIRUS SEPARATION FROM A SAMPLE



(57) Abstract: A sample is divided into a series of aliquots with the aliquots being subjected to at least two successive parallel separation steps in order to resolve protein or viral components thereof. The separation steps are performed not only on a sample but subsamples each containing a prelabeled tag to afford comparisons between subsamples. The parallel separation is amenable to high throughput and automation.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *without international search report and to be republished upon receipt of that report*